

BRUNO BOLLOS CORREA

Electrical Engineer | Telecommunications | Software

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📍 São Paulo-SP, Brazil

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EXPERIENCE

Software Developer

FEI Robotics Team (RoboFEI)

📅 April/2019 – November/2022

- Software development for the autonomous robotics system of RoboFEI's Small Size League team. Participated in 5 robotics competitions, being 3 national (Brazil) and 2 international.
- Skills: C++, Qt, Git, Robotics, Linux.

Junior Software Developer

Alstom

📅 February/2023 – Present

- Software development for the Alstom's Automatic Train Supervision product: EBI Screen 1500.
- Skills: ATS, Railway Signaling, OPC, Windows, HMI.

PROJECTS

Scientific Research

The University Center of FEI and RoboFEI

📅 August/2021 – July/2022

- Analysis of supervised learning techniques applied in the evaluation of success of actions in robot football. Oriented by Prof. Dr. Flavio Tonidandel.
- Skills: Research, C++, Qt, Python, Machine Learning, scikit-learn.

End-of-graduation Work

The University Center of FEI and Companhia do Metropolitan de São Paulo

📅 February/2022 – December/2022

- Route planner with indoor navigation solution for the Metro of São Paulo. Oriented by Prof. Dr. Marco Antonio Assis de Melo and Eng. Felipe Copche.
- Skills: Research, Python, FastAPI, PostgreSQL, Neo4j, Docker, Java, Android, Bluetooth, embedded.

PUBLICATIONS

📄 Academic papers

- F. T. Bruno Bollos Correa, "Análise de técnicas de aprendizado supervisionado aplicadas na avaliação de sucesso de ações no futebol de robôs," *SICFEI*, vol. XII, no. 17, 2022.

SKILLS

- Software development
- Robotics
- Electronics
- Machine Learning
- Embedded Systems
- Research
- Automatic Train Supervision
- Electrical and Telecommunications Engineering

LANGUAGES

Portuguese



English



Spanish



EDUCATION

Degree in Electrical Engineering with emphasis in Telecommunications

The University Center of FEI

📅 2018–2022

REFERENCES

Prof. Dr. Marco Antonio Assis de Melo

@ The University Center of FEI

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Prof. Dr. Flavio Tonidandel

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Eng. Felipe Copche

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Prof. Dr. Vagner Bernal Barbeta

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